

AMENDMENTS TO THE CLAIMS

1. (Original) A method for autonomically diagnosing and correcting error conditions in a computing system of interrelated components and resources, the method comprising the steps:

for each one of the components, reporting error conditions in a log file using both uniform conventions for naming dependent ones of the interrelated components and resources and also a common error reporting format;

detecting error conditions arising from individual ones of the interrelated components;

responsive to detecting an error condition in a specific one of the components, parsing a log associated with said specific one of the components to determine whether said error condition arose from a fault in one of the interrelated components and resources named in said associated log, and further parsing a log associated with said one of the interrelated components and resources to identify a cause for said fault; and,

correcting said fault.

2. (Original) The method of claim 1, further comprising the steps of:

inserting analysis code in said specific one of the components responsive to detecting said error condition, said analysis-code having a configuration for reporting operational data associated with said error condition; and,

utilizing said reported operational data to identify a cause for said error condition.

3. (Original) The method of claim 1, further comprising the steps of:

activating dormant analysis code in said specific one of the components responsive to detecting said error condition, said dormant analysis code having a configuration for reporting operational data associated with said error condition; and,

utilizing said reported operational data to identify a cause for said error condition.

4. (Original) The method of claim 1, further comprising the steps of:

inserting analysis code in both said specific one of the components and said one of the interrelated components and resources responsive to detecting said error condition, said analysis code having a configuration for reporting operational data for said specific one of the components and said one of the interrelated components and resources; and,

utilizing said reported operational data to correlate error conditions in each of said specific one of the components and said one of the interrelated components and resources to identify a cause for said error condition.

5. (Original) The method of claim 1, further comprising the step of inserting analysis code in said specific one of the components responsive to detecting said error condition, said analysis code having a configuration for suspending the operation of said specific one of the components pending resolution of said error condition.

6. (Original) The method of claim 1, wherein said correcting step comprises the steps of:

determining from said further parsing step whether said fault in said one of the interrelated components and resources named in said associated log arose from an additional fault in yet another one of the interrelated components and resources; and,

repeating each of the parsing and correcting steps for said yet another interrelated one the components and resources.

Claims 7-9 (Cancelled)

10. (Original) A machine readable storage having stored thereon a computer program for autonomically diagnosing and correcting error conditions in a computing system of interrelated components and resources, the computer program comprising a routine set of instructions for causing the machine to perform the steps:

for each one of the components, reporting error conditions in a log file using both uniform conventions for naming dependent ones of the interrelated components and resources and also a common error reporting format;

detecting error conditions arising from individual ones of the interrelated components; responsive to detecting an error condition in a specific one of the components, parsing a log associated with said specific one of the components to determine whether said error condition arose from a fault in one of the interrelated components and resources named in said associated log, and further parsing a log associated with said one of the interrelated components and resources to identify a cause for said fault; and,

correcting said fault.

11. (Original) The machine readable storage of claim 10, further comprising the steps of:

inserting analysis code in said specific one of the components responsive to detecting said error condition, said analysis code having a configuration for reporting operational data associated with said error condition; and,

utilizing said reported operational data to identify a cause for said error condition.

12. (Original) The machine readable storage of claim 10, further comprising the steps of:

activating dormant analysis code in said specific one of the components responsive to detecting said error condition, said dormant analysis code having a configuration for reporting operational data associated with said error condition; and,

utilizing said reported operational data to identify a cause for said error condition.

13. (Original) The machine readable storage of claim 10, further comprising the steps of:

inserting analysis code in both said specific one of the components and said one of the interrelated components and resources responsive to detecting said error condition, said analysis code having a configuration for reporting operational data for said specific one of the components and said one of the interrelated components and resources; and,

utilizing said reported operational data to correlate error conditions in each of said specific one of the components and said one of the interrelated components and resources to identify a cause for said error condition.

14. (Original) The machine readable storage of claim 10, further comprising the step of inserting analysis code in said specific one of the components responsive to detecting said error condition, said analysis code having a configuration for suspending the operation of said specific one of the components pending resolution of said error condition.

15. (Original) The machine readable storage of claim 10, wherein said correcting step comprises the steps of:

determining from said further parsing step whether said fault in said one of the interrelated components and resources named in said associated log arose from an additional fault in yet another one of the interrelated components and resources; and,

repeating each of the parsing and correcting steps for said yet another interrelated one the components and resources.